

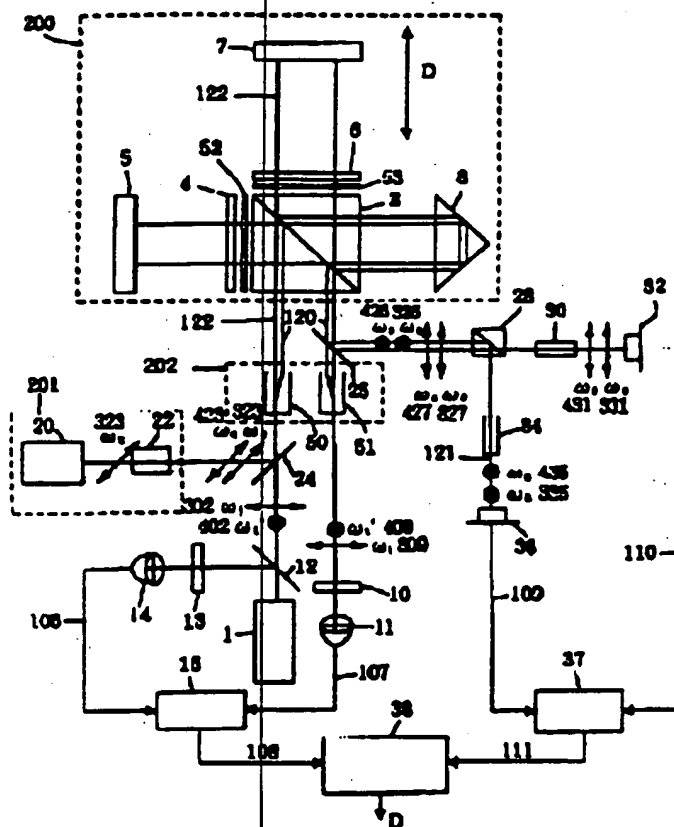
1) JP7-351078

2) Filed: Dec.25,1995

3) Inventors: Hitoshi Kawai, Kouichi Tsukihara

4) Comment:

Reduction of non-linearity error caused by crosstalk which got mixed in the reference path or measurement path by the polarization beam splitter.



1: light source

ex) HeNe Zeeman Laser

3,28: polarization beam splitter

20: light source for  
index measurement

11,14,32,36: detector

15,37: phase meter

22,30,34: SHG element

38: calculator

50: light beam separating element

(beam-displacer;

which separates P and S polarization  
spatially and makes them parallel to  
each other)

51: light beam coupling element

200: interferometer